Forest Insect & Disease Management

Report No. 80-3-14

Date Issued: 4/29/80

AERIAL DETECTION SURVEY OF FOREST INSECT AND DISEASE ACTIVITY, CORPS OF ENGINEERS, WALTER F. GEORGE RESERVOIR AND LAKE GEORGE W. ANDREWS

LAND OWNERSHIP OR SURVEY AREA: Corps of Engineers, Walter F. George Reservoir and Lake George W. Andrews

STATES: Georgia and Alabama

AREA WITHIN SURVEY BOUNDARY: 10,000 acres

DATE: April 18, 1980

PERCENT COVERAGE: 100%

AIRCRAFT: Cessna 210

CREW: E. T. Wilson, Aerial Survey Team; Jessie Roe, Corps of Engineers

REPORT PREPARED BY: E. T. Wilson

SURVEY OBJECTIVES

To detect southern pine beetle activity occurring on lands managed by the Corps of Engineers at Walter F. George Reservoir, Georgia.

SURVEY RESULTS

Eight spots containing 713 dead or dying pines were observed. Southern pine beetle is the suspected causal agent in the two large spots (probably killed last fall) located at River Bend Park. Increased southern pine beetle activity was observed in the lands adjacent to Bluff Creek and River Bend Park.

CONCLUSION

The area of greatest tree mortality occurring at River Bend Park is located near the proposed tent camping site. A ground check should be made to locate beetle killed trees that are potentially hazardous to users of the camping sites and hiking trails.

For any additional information, contact

USDA Forest Service FIDM
Northgate Office Park, Room 2103
3620 Interstate 85, N. E.
Telephone: 404-221-4796

or

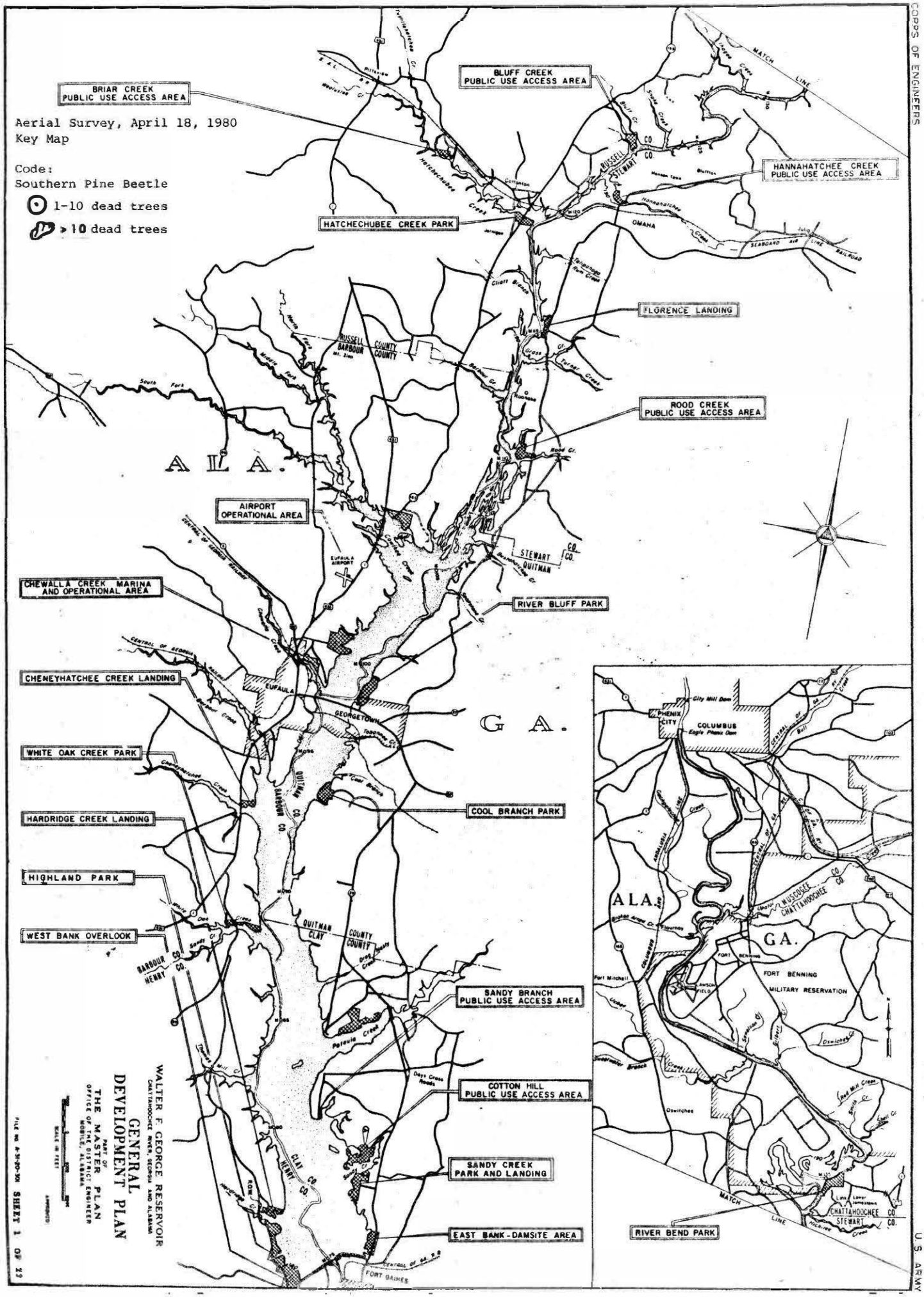
USDA Forest Service FIDM
P. O. Box 5895
Asheville, NC 28802
Telephone: 704-258-2850
Ext. 625

SOUTHEASTERN AREA, STATE & PRIVATE FORESTRY
USDA FOREST SERVICE, ATLANTA, GA 30309

Table 1. Summary of Aerial Survey Data - Corps of Engineers, Walter F. George Reservoir and Lake George W. Andrews, April 18, 1980.

Infestation Size (# Trees)

1		2-5		6-20		21-50		50-100		100+	
Spots:	Trees	Spots:	Trees	Spots:	Trees	Spots:	Trees	Spots:	Trees	Spots:	Trees
3	3	3	10	0	0	0	0	0	0	2	700


BRIAR CREEK PUBLIC USE ACCESS AREA
BLUFF CREEK PUBLIC USE ACCESS AREA
HANNAHATCHEE CREEK PUBLIC USE ACCESS AREA
HATCHECHUBEE CREEK PARK
FLORENCE LANDING
ROOD CREEK PUBLIC USE ACCESS AREA
AIRPORT OPERATIONAL AREA
CHEWALLA CREEK MARINA AND OPERATIONAL AREA
RIVER BLUFF PARK
CHENEYHATCHEE CREEK LANDING
WHITE OAK CREEK PARK
HARDRIDGE CREEK LANDING
COOL BRANCH PARK
HIGHLAND PARK
WEST BANK OVERLOOK
SANDY BRANCH PUBLIC USE ACCESS AREA
COTTON HILL PUBLIC USE ACCESS AREA
SANDY CREEK PARK AND LANDING
EAST BANK - DAMSITE AREA
RIVER BEND PARK
Aerial Survey, April 18, 1980
Key Map
Code:
Southern Pine Beetle
1-10 dead trees
>10 dead trees
ALA.
GA.
FORT BENNING
MILITARY RESERVATION
MATCH LINE
WALTER F. GEORGE RESERVOIR
GENERAL DEVELOPMENT PLAN
THE MASTER PLAN
SHEET 1 OF 23
U.S. ARMY
CORPS OF ENGINEERS

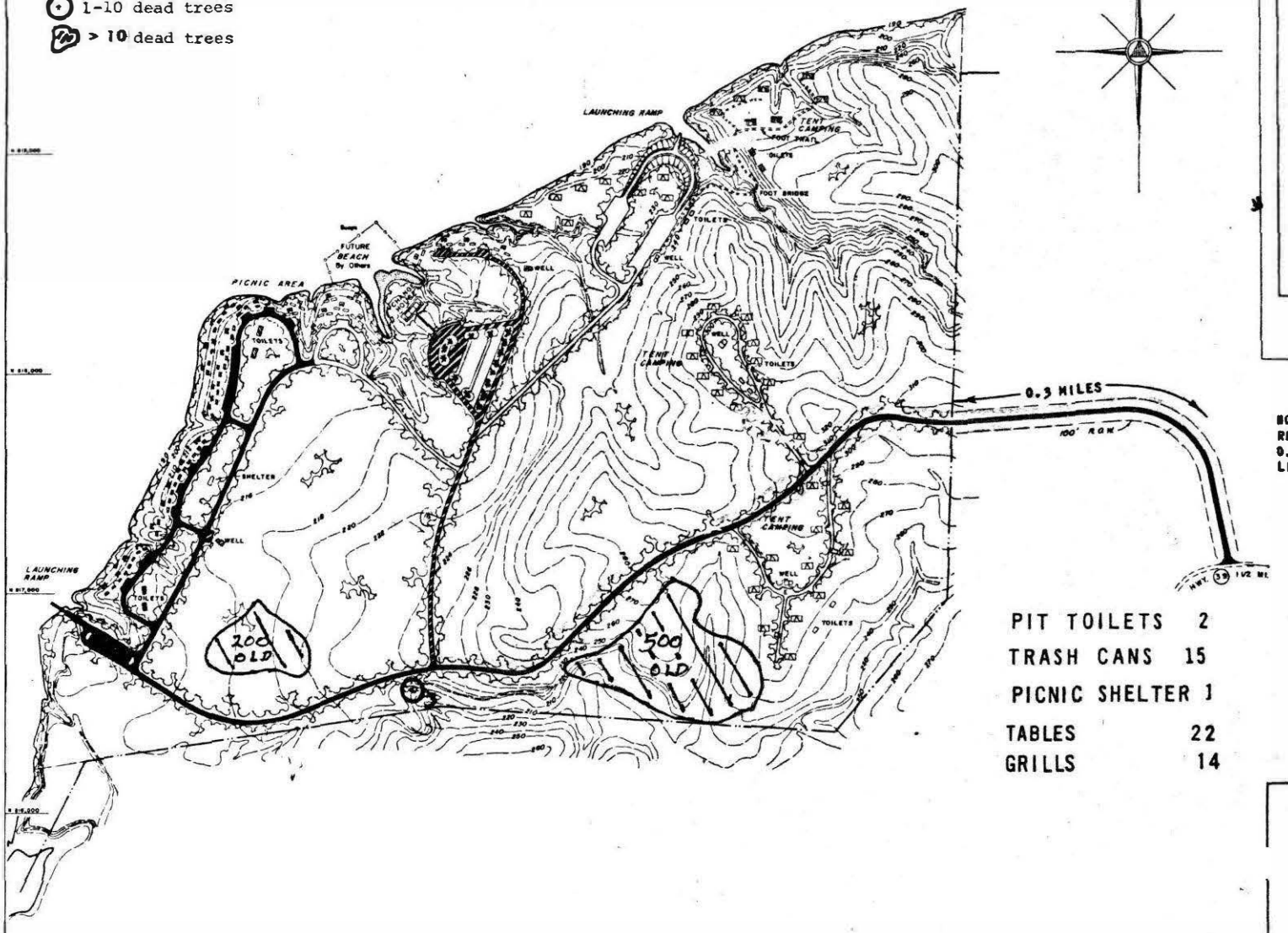
CORPS OF ENGINEERS

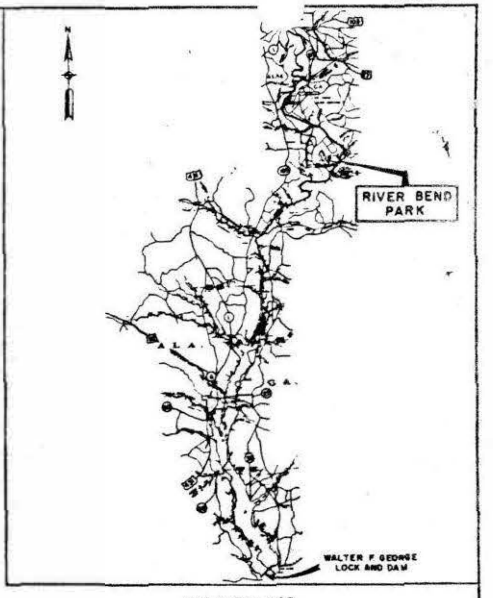
U. S. ARMY

Aerial Survey, April 18, 1980

1-10 dead trees

> 10 dead trees





NOTE: MOWING AND POLICING REQUIREMENTS EXTEND APPROX. 0.3 MILES TO EAST OF BOUNDARY LINE.

PIT TOILETS	2
TRASH CANS	15
PICNIC SHELTER	1
TABLES	22
GRILLS	14

LEGEND

AREA TO BE MOWED

WALTER F. GEORGE LAKE
CHATTAHOOCHEE RIVER, GEORGIA AND ALABAMA

RIVER BEND PARK

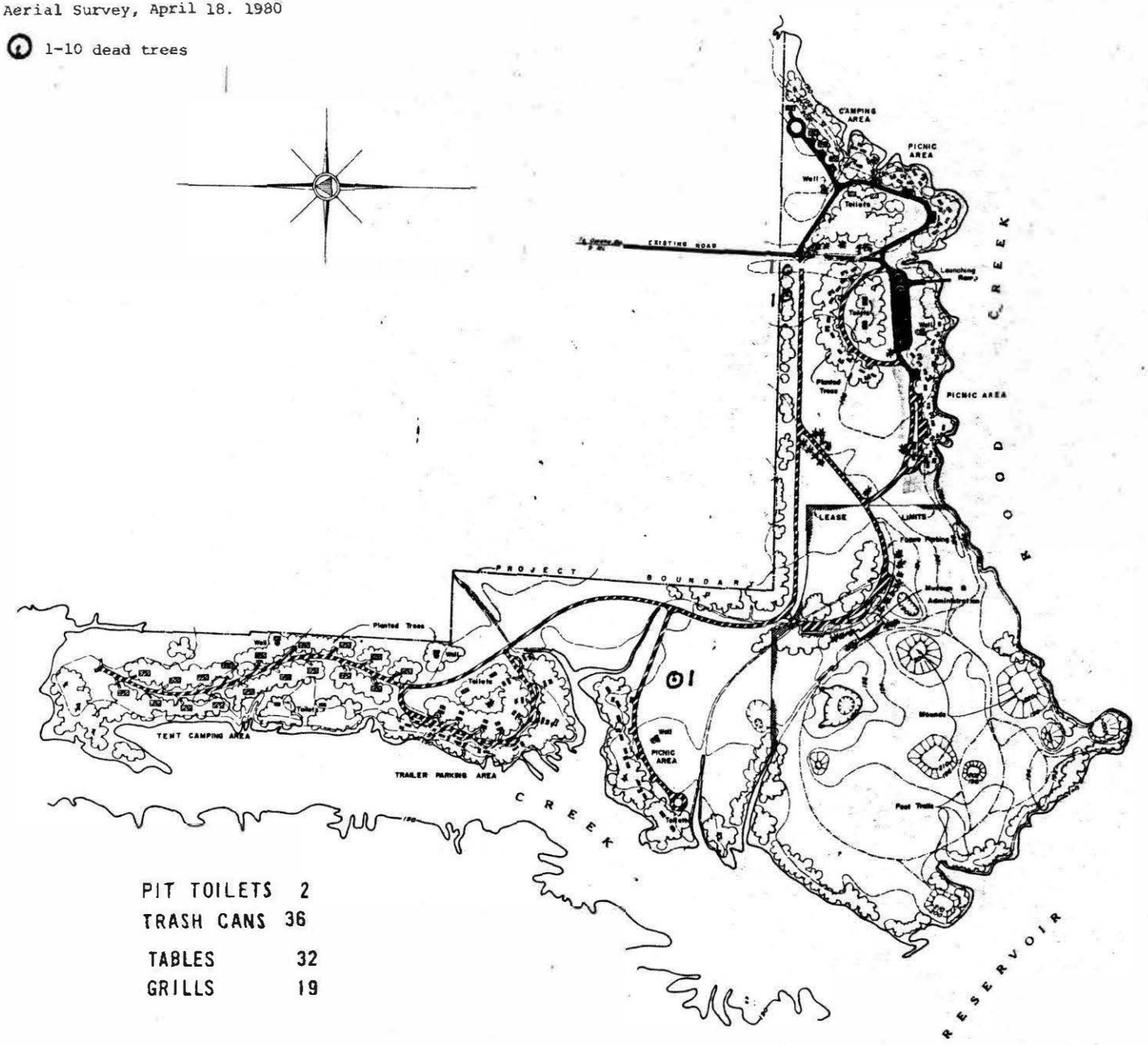
OFFICE OF THE DISTRICT ENGINEER
MOBILE, ALABAMA

FILE NO A-31-20-383

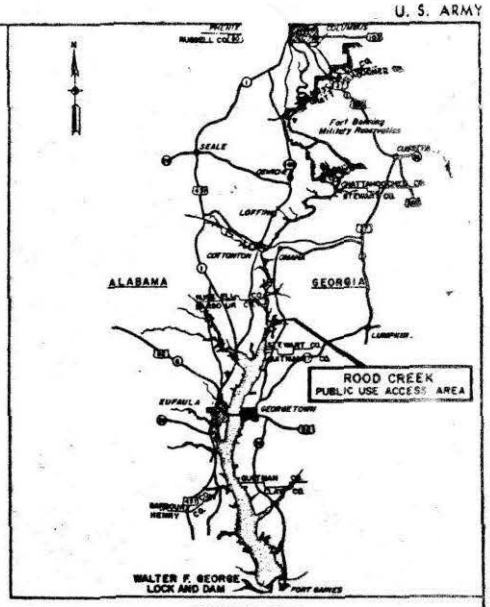
SHEET 19 OF 22

Aerial Survey, April 18. 1980

1-10 dead trees



PIT TOILETS 2
TRASH CANS 36
TABLES 32
GRILLS 19



VICINITY MAP

SCALE IN MILES

LEGEND

AREA TO BE MOWED

WALTER F GEORGE LAKE
CHATTAHOOCHEE RIVER, GEORGIA AND ALABAMA

ROOD CREEK
Public Use Access Area

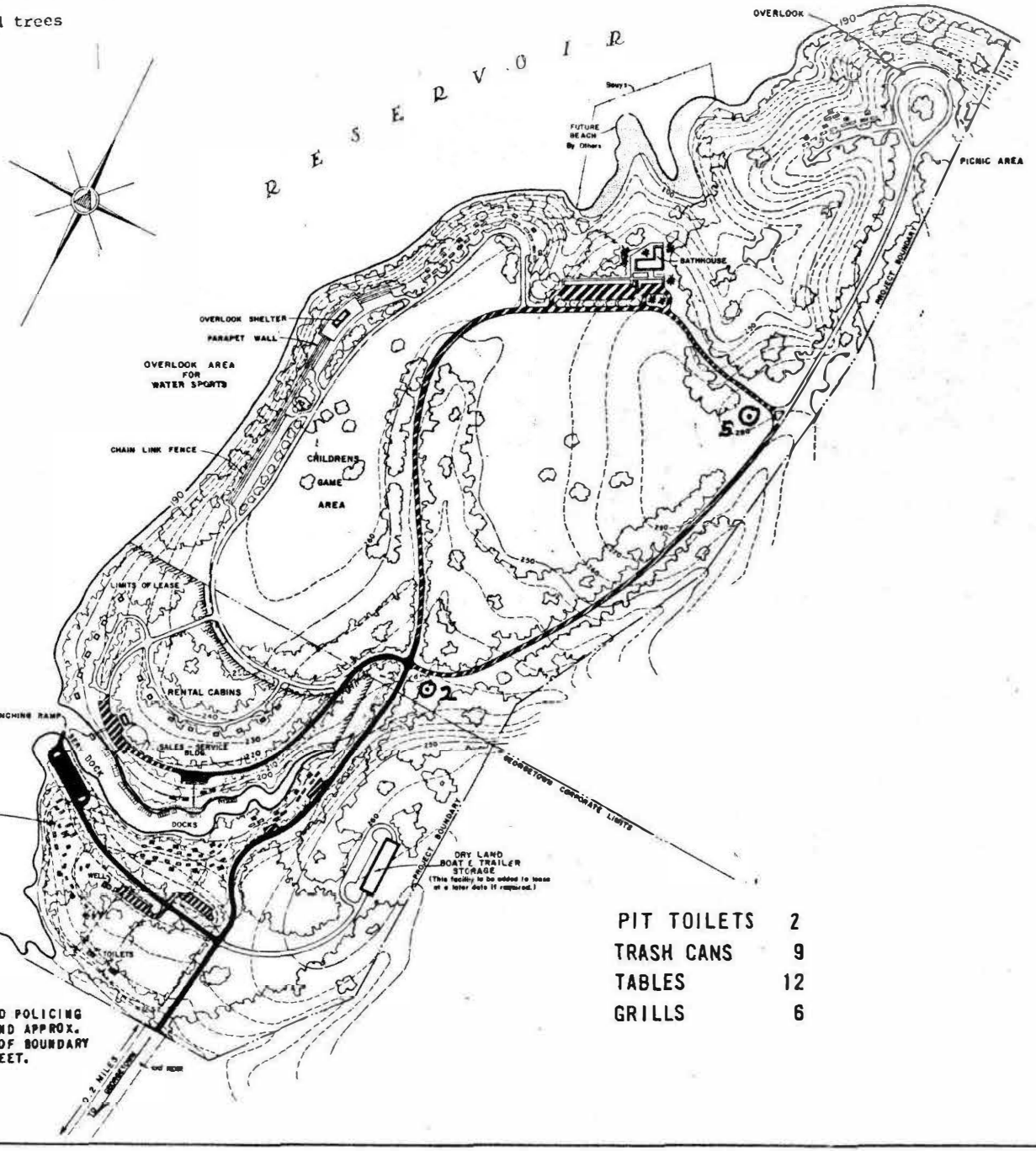
OFFICE OF THE DISTRICT ENGINEER
MOBILE, ALABAMA

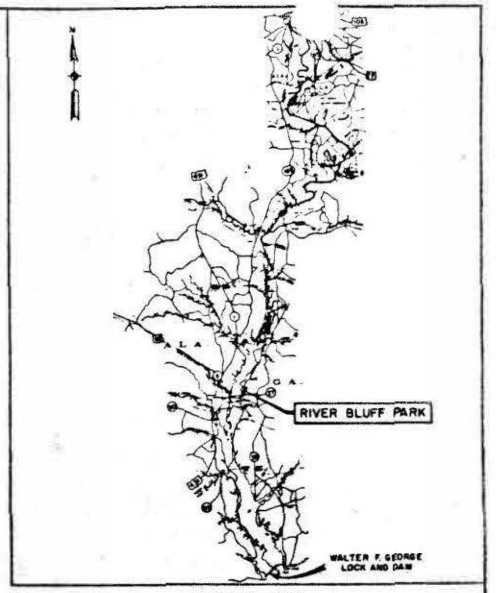
SCALE IN FEET

FILE NO. A-31-20-5 SHEET 18 OF 22

Aerial Surv , April 18, 1980

⊙ 1-10 dead trees





PIT TOILETS	2
TRASH CANS	9
TABLES	12
GRILLS	6

NOTE: MOWING AND POLICING REQUIREMENT EXTEND APPROX. 0.3 MILES SOUTH OF BOUNDARY LINE TO CITY STREET.

LEGEND

AREA TO BE MOWED

WALTER F. GEORGE LAKE
CHATTAHOOCHEE RIVER, GEORGIA AND ALABAMA

RIVER BLUFF PARK

OFFICE OF THE DISTRICT ENGINEER
MOBILE, ALABAMA

SCALE IN FEET

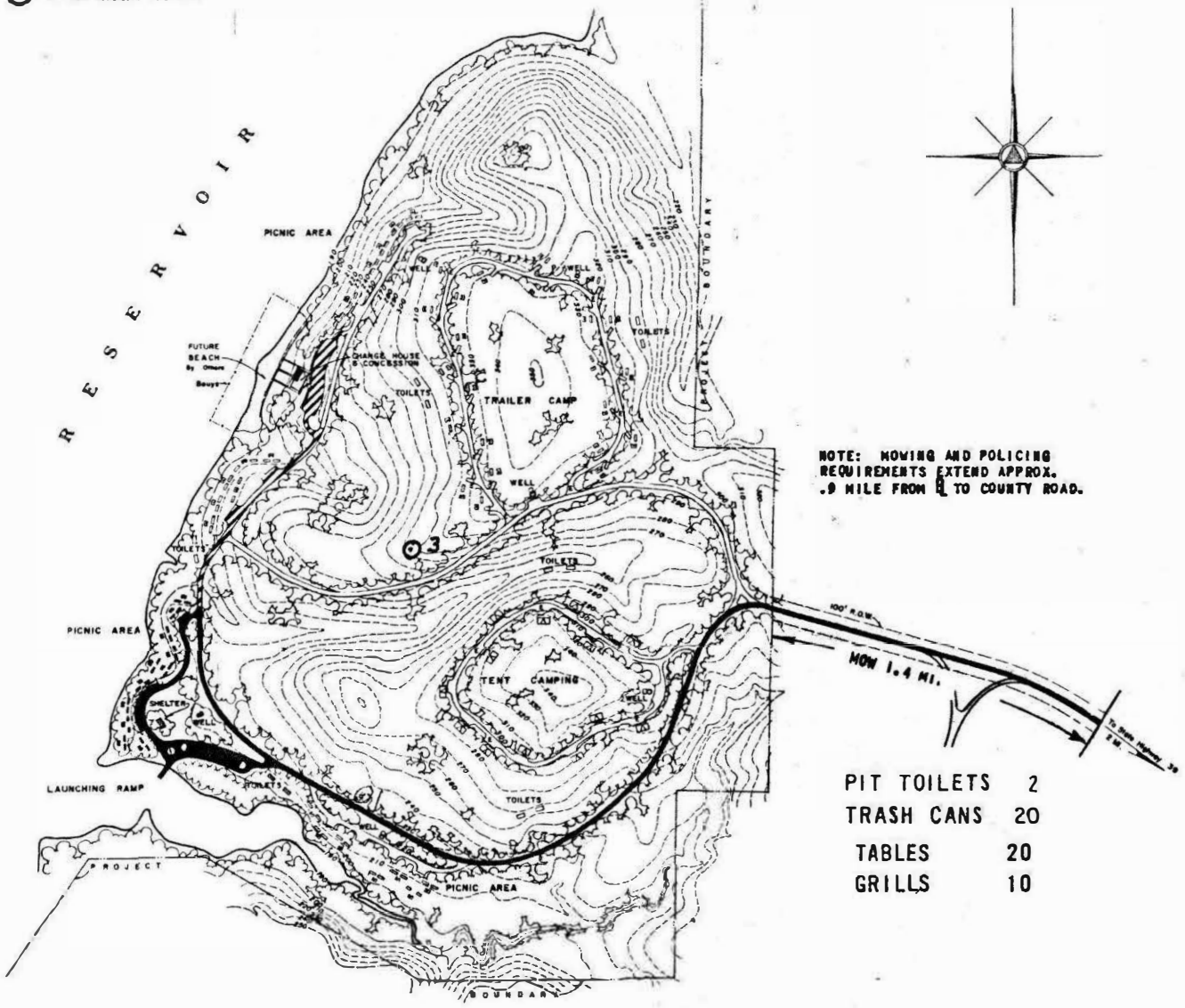
FILE NO. A-31-20-382 SHEET 9 OF 22

CORPS OF ENGINEERS

U. S. ARMY

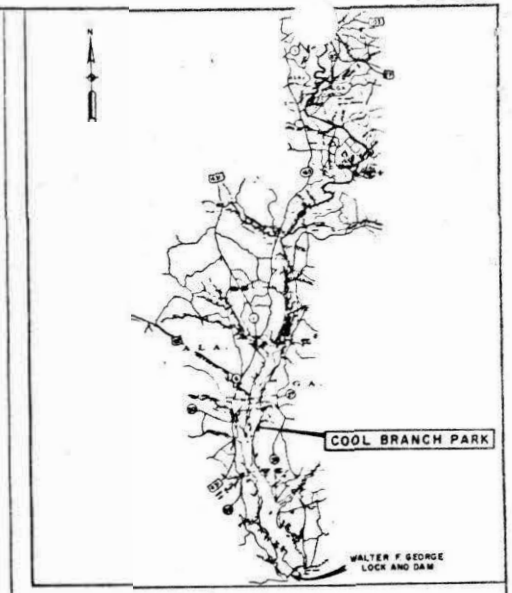
Aerial Survey, April 18, 1980

⊙ 1-10 dead trees



NOTE: MOWING AND POLICING REQUIREMENTS EXTEND APPROX. .9 MILE FROM ℄ TO COUNTY ROAD.

PIT TOILETS	2
TRASH CANS	20
TABLES	20
GRILLS	10



LEGEND

AREA TO BE MOWED

WALTER F. GEORGE LAKE
CHATTAHOOCHEE RIVER, GEORGIA AND ALABAMA

COOL BRANCH PARK

OFFICE OF THE DISTRICT ENGINEER
MOBILE, ALABAMA

SCALE IN FEET

SHEET 8 OF 22

FILE NO. A-31-20-321